Video Games Shop

Version <1.0>

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <20/03/23> | 1.0 | Defining some initial details regarding the application and its requirements | Bar Luca-Narcis |
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# Introduction

In this document I will define The non-functional requirements of the application and design constraints of it. Basically this document will include the requirements that facilitate the use-cases described in previous documents, and what is needed in order for them to be achieved and the application to be ready for use.

# Non-functional Requirements

## Availability

The app should be available to users 24/7, with minimal downtime for maintenance and updates.

## Performance

The application should have a rather fast response time for any operation performed. Should also offer fast encoding speeds for the user’s data.

## Security

The users’ details and saved payment information must be thoroughly encrypted in order to prevent attacks and possible theft.

## Testability

## The app should be designed to be easily testable, with well-defined and modular components that can be tested in isolation. This will enable efficient and comprehensive testing of the app, including unit testing, integration testing, and end-to-end testing

## Usability

The app should be usable on most devices, since it will work on the most popular internet browsers which can be accessed on any type of device and on any operating system currently available, due to the fact that the used framework offers flawless integration.

To achieve a good and stable experience, the app should undergo user testing and usability testing to identify and address any usability issues and optimize the user experience.

# Design Constraints

*For the my video game shop app, some potential design constraints to consider might include budget, timeline, technical capabilities, and compliance with industry regulations such as data privacy laws.* *Technical constraints could include compatibility with different browsers and devices, or integration with existing systems and platforms and compliance with the industry regulations could include the obligation to store the user’s data in an encrypted format in order to prevent theft.*